

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/572,883
Source: IFWP
Date Processed by STIC: 3/29/06

ENTERED



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/572,883

DATE: 03/29/2006
TIME: 09:52:32

Input Set : A:\PTO.RJ.txt
Output Set: N:\CRF4\03292006\J572883.raw

3 <110> APPLICANT: Bayer HealthCare AG
4 Golz, Stefan
5 Bruggemeier, Ulf
6 Geerts, Andreas
8 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
9 G-Protein Coupled Receptor ADIPOR1 (ADIPOR1)
11 <130> FILE REFERENCE: LeA 36 901
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/572,883
C--> 13 <141> CURRENT FILING DATE: 2006-03-20
13 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/010384
14 <151> PRIOR FILING DATE: 2004-09-16
16 <150> PRIOR APPLICATION NUMBER: EP03021898.6
17 <151> PRIOR FILING DATE: 2003-09-27
19 <160> NUMBER OF SEQ ID NOS: 5
21 <170> SOFTWARE: PatentIn version 3.3
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 2100
25 <212> TYPE: DNA
26 <213> ORGANISM: Homo sapiens
28 <400> SEQUENCE: 1
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31 gggggaccgc ggccccccagc agagcccgcc tgcccgctt gtctaccatc agagggagat 120
33 ctctgcccccc tggggctgag agaccccaac ctttccccaa gctgaagctg cagggtattg 180
35 agtattaccgc cagatgtctt cccacaaagg atctgtggtg gcacaggggaa atggggctcc 240
37 tgccagtaac agggaaagctg acacgggtgaa actggctgaa ctgggaccctc tgctagaaga 300
39 gaaggccaaa cgggtaatcg ccaacccacc caaagctgaa gaagagccaa catgcccagt 360
41 gccccaggaa gaagaggagg aggtgcgggt actgacactt cccctgcaag cccaccacgc 420
43 catggagaag atggaaagagt ttgtgtacaa ggtctggag ggacgttggaa gggtcatccc 480
45 atatgatgtg ctccctgact ggctaaagga caacgactat ctgctacatg gtcataagacc 540
47 tcccatgccc tcctttcggg ctgtctcaa gagcatcttc cgcattcata cagaaactgg 600
49 caacatctgg acccatctgc ttggttctgt gctgtttctc tttttggaa tcttgaccat 660
51 gctcagacca aatatgtact tcatggcccc tctacaggag aagggtggtt ttggatgtt 720
53 cttttgggt gcagtgtct gcctcagctt ctcctggctc tttcacacccg tctattgtca 780
55 ttcagagaaa gtctctcgga cttttccaa actggactat tcagggattg ctcttcta 840
57 tatggggagc ttgtccccct ggctcttattaa ttccttctac tgctccccac agccacggct 900
59 catctaccc tccatcgctt gtgtcctggg catttctgcc atcattgtgg cgcagtggaa 960
61 ccgtttgcc actcctaagc accggcagac aagagcaggc gtgttctgg gacttggctt 1020
63 gagtggcgcc gtgcccacca tgactttac tattcgctgag ggcttgcata aggcaccac 1080
65 agtggggccag atgggctgg tttcctcat ggctgtgatg tacatcaactg gagctggct 1140
67 ttatgctgtc cgaattcctg agcgcttctt tcctggaaaa ttgacatata ggttccagtc 1200
69 tcatcagatt ttccatgtcc tgggtggc acgagccttt gtccacttct atggagtctc 1260
71 caaccttcag gaattccgtt acggcctaga aggcggctgt actgatgaca cccttctctg 1320
73 agccttccca cctgcggggt ggaggagggaa cttcccaagt gctttaaaaa ataacttctt 1380

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75 tgctgaagt agaggaagag tctgagttgt ctgtttctag aagaaacctc ttagagaatt 1440
 77 cagtagccaac caagcttcag cccacttca cacccactgg gcaataaact ttccattcc 1500
 79 attctccttag ctggggatgg ggcatggta aacttagcca tcccctcctc agcaaggcat 1560
 81 ctaccggccc ctcacagaga cagtacttg aaactcatgt tgagattttt ccctctcctc 1620
 83 caaccatttt gggaaaatta tggactggga ctcttcagaa attctgtctt ttcttctgga 1680
 85 agaaaatgtc cctcccttac ccccatcctt aactttgtat cctggcttat aacaggccat 1740
 87 ccattttgt agcacacttt tcaaaaacaa ttatatacc tggtcccacat tttcttagggc 1800
 89 ctggatctgc ttatagagca ggaagaataa agccaccaac ttttacctag cccggctaat 1860
 91 catggaagtg tgtccaggct tcaagtaact tgagttttaa ttttttttt ttcttggcag 1920
 93 agtaatgtaa aatttaaatg gggaaagata ttaatattt aatactaagc tttaaaaaga 1980
 95 aacctgttat cattgctatg tatcttgatg caaagactat gatgttaata aaagaaaagta 2040
 97 cagaagagac ttggcattca aagatttcaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 2100
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 101 <211> LENGTH: 375
 102 <212> TYPE: PRT
 103 <213> ORGANISM: Homo sapiens
 105 <400> SEQUENCE: 2
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 108 1 5 10 15
 111 Ala Ser Asn Arg Glu Ala Asp Thr Val Glu Leu Ala Glu Leu Gly Pro
 112 20 25 30
 115 Leu Leu Glu Glu Lys Gly Lys Arg Val Ile Ala Asn Pro Pro Lys Ala
 116 35 40 45
 119 Glu Glu Glu Gln Thr Cys Pro Val Pro Gln Glu Glu Glu Glu Val
 120 50 55 60
 123 Arg Val Leu Thr Leu Pro Leu Gln Ala His His Ala Met Glu Lys Met
 124 65 70 75 80
 127 Glu Glu Phe Val Tyr Lys Val Trp Glu Gly Arg Trp Arg Val Ile Pro
 128 85 90 95
 131 Tyr Asp Val Leu Pro Asp Trp Leu Lys Asp Asn Asp Tyr Leu Leu His
 132 100 105 110
 135 Gly His Arg Pro Pro Met Pro Ser Phe Arg Ala Cys Phe Lys Ser Ile
 136 115 120 125
 139 Phe Arg Ile His Thr Glu Thr Gly Asn Ile Trp Thr His Leu Leu Gly
 140 130 135 140
 143 Phe Val Leu Phe Leu Phe Leu Gly Ile Leu Thr Met Leu Arg Pro Asn
 144 145 150 155 160
 147 Met Tyr Phe Met Ala Pro Leu Gln Glu Lys Val Val Phe Gly Met Phe
 148 165 170 175
 151 Phe Leu Gly Ala Val Leu Cys Leu Ser Phe Ser Trp Leu Phe His Thr
 152 180 185 190
 155 Val Tyr Cys His Ser Glu Lys Val Ser Arg Thr Phe Ser Lys Leu Asp
 156 195 200 205
 159 Tyr Ser Gly Ile Ala Leu Leu Ile Met Gly Ser Phe Val Pro Trp Leu
 160 210 215 220
 163 Tyr Tyr Ser Phe Tyr Cys Ser Pro Gln Pro Arg Leu Ile Tyr Leu Ser
 164 225 230 235 240
 167 Ile Val Cys Val Leu Gly Ile Ser Ala Ile Ile Val Ala Gln Trp Asp
 168 245 250 255

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171 Arg Phe Ala Thr Pro Lys His Arg Gln Thr Arg Ala Gly Val Phe Leu
172 260 265 270
175 Gly Leu Gly Leu Ser Gly Val Val Pro Thr Met His Phe Thr Ile Ala
176 275 280 285
179 Glu Gly Phe Val Lys Ala Thr Thr Val Gly Gln Met Gly Trp Phe Phe
180 290 295 300
183 Leu Met Ala Val Met Tyr Ile Thr Gly Ala Gly Leu Tyr Ala Ala Arg
184 305 310 315 320
187 Ile Pro Glu Arg Phe Phe Pro Gly Lys Phe Asp Ile Trp Phe Gln Ser
188 325 330 335
191 His Gln Ile Phe His Val Leu Val Val Ala Ala Ala Phe Val His Phe
192 340 345 350
195 Tyr Gly Val Ser Asn Leu Gln Glu Phe Arg Tyr Gly Leu Glu Gly Gly
196 355 360 365
199 Cys Thr Asp Asp Thr Leu Leu
200 370 375
203 <210> SEQ ID NO: 3
204 <211> LENGTH: 19
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Primer1 (forward primer)
211 <400> SEQUENCE: 3
212 gagaaggggca aacgggtaa 19
215 <210> SEQ ID NO: 4
216 <211> LENGTH: 19
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Primer2 (reverse primer)
223 <400> SEQUENCE: 4
224 ctcttcttcc tggggcact 19
227 <210> SEQ ID NO: 5
228 <211> LENGTH: 24
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial
232 <220> FEATURE:
233 <223> OTHER INFORMATION: Probe1
235 <400> SEQUENCE: 5
236 cccacccaaa gctgaagaag agca 24

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq# : 3 , 4 , 5

VERIFICATION SUMMARY

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date